

GENERATOR'S WASTE MATERIAL PROFILE SHEET

A GENERAL INFORMATION

GENERATOR NAME: U.S. EPA, REGION V (ERS) TRANSPORTER: 000030
 FACILITY ADDRESS: 1322 N. WESTERN AVE CHICAGO, ILLINOIS TRANSPORTER PHONE: 176643
 GENERATOR USEPA I.D. 1LE299900394 GENERATOR STATE I.D. 0316009951
 TECHNICAL CONTACT: STEPHEN M BROWNING TITLE: ON SCENE COORDINATOR PHONE: 312 886 1960
 NAME OF WASTE: LIQUID NOS
 PROCESS GENERATING WASTE: CHEMICAL BLENDER TO RATING INDUSTRY

B PHYSICAL CHARACTERISTICS OF WASTE

| | | | | |
|---|--|---|--|---|
| COLOR <u>Almost</u> <u>opaque</u> | ODOR <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> STRONG DESCRIBE _____ | PHYSICAL STATE @ 70°F <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> POWDER | LAYERS <input type="checkbox"/> MULTILAYERED <input type="checkbox"/> BI-LAYERED <input type="checkbox"/> SINGLE PHASED | FREE LIQUIDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO VOLUME <u>100%</u> |
|---|--|---|--|---|

| | | |
|---|---|--|
| pH: <input type="checkbox"/> < 2 <input type="checkbox"/> 7.1-10 <input type="checkbox"/> N/A <input type="checkbox"/> 2-4 <input type="checkbox"/> 10.1-12.5 <input type="checkbox"/> 4.1-6.9 <input type="checkbox"/> > 12.5 <input checked="" type="checkbox"/> 7 <input type="checkbox"/> EXACT <u>7</u> | SPECIFIC GRAVITY <input type="checkbox"/> < .8 <input type="checkbox"/> 1.3-1.4 <input type="checkbox"/> .8-1.0 <input type="checkbox"/> 1.5-1.7 <input checked="" type="checkbox"/> 1.1-1.2 <input type="checkbox"/> > 1.7 <input type="checkbox"/> EXACT _____ | FLASH POINT <input type="checkbox"/> < 70°F <input type="checkbox"/> > 200°F <input type="checkbox"/> CLOSED CUP <input type="checkbox"/> 70°F - 100°F <input type="checkbox"/> NO FLASH <input type="checkbox"/> OPEN CUP <input type="checkbox"/> 101°F - 139°F <input type="checkbox"/> EXACT _____ <input type="checkbox"/> 140°F - 200°F |
|---|---|--|

C CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

| | |
|-------|---------|
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |

D METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

| | | | |
|-----------------------|-------|---------------|-------|
| ARSENIC (As) | _____ | SELENIUM (Se) | _____ |
| BARIIUM (Ba) | _____ | SILVER (Ag) | _____ |
| CADMIUM (Cd) | _____ | COPPER (Cu) | _____ |
| CHROMIUM (Cr) | _____ | NICKEL (Ni) | _____ |
| MERCURY (Hg) | _____ | ZINC (Zn) | _____ |
| LEAD (Pb) | _____ | THALLIUM (Tl) | _____ |
| CHROMIUM-HEX (Cr + 6) | _____ | | _____ |

E OTHER COMPONENTS - TOTAL (PPM)

| | | | |
|----------|-------|-----------|-------|
| CYANIDES | _____ | PCB'S | _____ |
| SULFIDES | _____ | PHENOLICS | _____ |

SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL? ☐ YES ☐ NO

PROPER SHIPPING NAME: _____

HAZARD CLASS: _____ I.D. NO.: _____ R.Q.: _____

METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID
☒ DRUM (TYPE/SIZE) 17E

ANTICIPATED VOLUME: 55 GALS. _____ CUBIC YARDS

OTHER: _____

PER: ☒ ONE TIME ☐ WEEK ☐ MONTH
☐ QUARTER ☐ YEAR ☐ _____

G HAZARDOUS CHARACTERISTICS

REACTIVITY: ☐ NONE ☐ PYROPHORIC ☐ SHOCK SENSITIVE
☐ EXPLOSIVE ☐ WATER REACTIVE ☐ OTHER _____

OTHER HAZARDOUS CHARACTERISTICS:
☐ NONE ☐ RADIOACTIVE ☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE ☐ OTHER _____

USEPA HAZARDOUS WASTE? ☐ YES ☐ NO

USEPA HAZARDOUS CODE(S): _____

STATE HAZARDOUS WASTE? ☐ YES ☐ NO

STATE CODE(S): _____

H SPECIAL HANDLING INFORMATION

Ref: Sample # 87

☐ ADDITIONAL PAGE(S) ATTACHED

HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

AUTHORIZED SIGNATURE: S. M. Browning TITLE: ON SCENE COORDINATOR DATE: 7/28/86

G40251

WASTE PROFILE SHEET CODE

CERTIFICATION OF REPRESENTATIVE SAMPLE

GENERAL DIRECTIONS: IN ORDER TO DETERMINE WHETHER WE CAN ACCEPT THE SPECIAL WASTE DESCRIBED IN THE ABOVE NUMBERED PROFILE SHEET, WE MUST OBTAIN A REPRESENTATIVE SAMPLE OF THE WASTE. WE WILL ANALYZE THE SAMPLE TO VERIFY THE INFORMATION YOU HAVE PROVIDED US, SO IT IS PARTICULARLY IMPORTANT THAT THE SAMPLE BE TRULY REPRESENTATIVE. IN MOST CIRCUMSTANCES YOU WILL BE OBTAINING THE SAMPLE. HOWEVER, IN THOSE CASES IN WHICH WE OBTAIN THE SAMPLE, WE MUST ASK THAT ONE OF YOUR EMPLOYEES BE PRESENT TO DIRECT THE PARTICULAR SOURCE TO BE SAMPLED AND TO WITNESS THE SAMPLING. IN SUCH CASE, YOUR EMPLOYEE MUST SIGN THIS CERTIFICATION AS A WITNESS.

THIS CERTIFICATION MUST BE RETURNED, WITH THE REPRESENTATIVE WASTE SAMPLE, TO:

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED IN THE "GENERATOR'S WASTE MATERIAL PROFILE SHEET" ABOVE REFERENCED, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT:

1. HOUR AND DATE OF SAMPLING: 0945 ON 7/15/86
2. SOURCE FROM WHICH SAMPLE TAKEN: DRUM
3. EQUIPMENT AND SAMPLING METHOD USED: GLASS ROD
4. AMOUNT OF SAMPLE OBTAINED: ~ 1 PINT
5. TYPE OF CONTAINER INTO WHICH SAMPLE WAS PLACED: PINT JAR
6. THE SAMPLING EQUIPMENT USED, AND THE CONTAINER INTO WHICH THE SAMPLE WAS PLACED, WERE THEMSELVES UNCONTAMINATED BEFORE USE.
7. AT THE TIME OF SAMPLING I AFFIXED A LABEL TO THE CONTAINER IN THE FOLLOWING FORM WITH THE FOLLOWING INFORMATION (FILL IN THIS PORTION, INCLUDING YOUR SIGNATURE, JUST AS IT APPEARS ON THE LABEL YOU PREPARED):

GENERATOR: U.S. EPA, REGION V
WASTE NAME: LIQUID
SAMPLE HOUR/DATE: 0945 ON 7/15/86
PROFILE SHEET CODE: G40251
SAMPLER SIGNATURE: _____

WITNESS VERIFICATION: I WAS PERSONALLY PRESENT DURING THE SAMPLING DESCRIBED; I DIRECTED THE WASTE SOURCE TO BE SAMPLED; AND I VERIFY THE INFORMATION ABOVE NOTED.

SAMPLER NAME: DAVID Pyles

WITNESS: S.M. BROWNING

SIGNATURE: _____

SIGNATURE: S.M. Browning

TITLE: _____

TITLE: OSC

EMPLOYER: WESTON

EMPLOYER: U.S. EPA, REGION V

DATE: _____

DATE: 7-28-86



Waste Management, Inc.
GENERATOR'S WASTE MATERIAL PROFILE SHEET:
INCINERATION TREATMENT ADDENDUM



WASTE PROFILE SHEET CODE

TSDR 640251

A. GENERAL INFORMATION

GENERAL NAME: U.S. EPA, REGION V (ERS)

NAME OF WASTE: LIQUID, NOS

PROCESS GENERATING WASTE: CHEMICAL BLENDER TO PLATING INDUSTRY

B. CHEMICAL CHARACTERISTICS OF WASTE

Heat Value (BTU/lb.) _____ 2. Percent Ash _____ % 3. Percent Total Halogens _____ %
4. Percent Sulfur _____ % 5. Percent Nitrogen _____ % 6. Percent Water _____ %

C. PHYSICAL CHARACTERISTICS OF WASTE

1. Viscosity (cps) _____ 2. Percent Total Solids _____ % 3. Percent Susp. Solids _____ %
4. Percent Dissolved Solids _____ % 5. Vapor Pressure 50°F (psia) _____ %

D. SPECIAL LISTED CONSTITUENTS: 40 CFR 261 APPENDIX VIII

E. ADDITIONAL WASTE INFORMATION

1. Pumpable? @ 50 F ☒ Yes ☐ No 1a. Method _____
1b. Can the waste be heated to improve flow? ☐ Yes ☐ No
2. Soluble in Water? ☒ Yes ☐ No
3. Particle Size: Will solid portion of waste pass through a 1/8" screen? ☐ Yes ☐ No
4. Other Information: _____

F. I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed.

AUTHORIZED SIGNATURE

Stephen M. Branning

TITLE

ON SCENE COORDINATOR

DATE

7/28/86



Waste Management, Inc.
GENERATOR'S WASTE MATERIAL PROFILE SHEET:
INCINERATION TREATMENT ADDENDUM



WASTE PROFILE SHEET CODE

TSOR G40268

A. GENERAL INFORMATION

GENERAL NAME: U.S. EPA, REGION V (ERS)

NAME OF WASTE: LIQUID UN CHARACTERIZED

PROCESS GENERATING WASTE: ABANDONED CHEMICAL PLANT THAT BLENDED FOR E/ELECTROPLATERS

B. CHEMICAL CHARACTERISTICS OF WASTE

Heat Value (BTU/lb.) _____

2. Percent Ash _____%

3. Percent Total Halogens _____%

4. Percent Sulfur _____%

5. Percent Nitrogen _____%

6. Percent Water _____%

C. PHYSICAL CHARACTERISTICS OF WASTE

1. Viscosity (cps) _____

2. Percent Total Solids _____%

3. Percent Susp. Solids _____%

4. Percent Dissolved Solids _____%

5. Vapor Pressure 50 F (psia) _____%

D. SPECIAL LISTED CONSTITUENTS:

40 CFR 261 APPENDIX VIII

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

E. ADDITIONAL WASTE INFORMATION

1. Pumpable? @ 50 F ☒ Yes ☐ No 1a. Method _____

1b. Can the waste be heated to improve flow? ☐ Yes ☐ No

2. Soluble in Water? ☒ Yes ☐ No

3. Particle Size: Will solid portion of waste pass through a 1/8" screen? ☐ Yes ☐ No

4. Other Information: _____

F. I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed.

AUTHORIZED SIGNATURE

Stephen M. Browning

TITLE

OSC

DATE

28 July 86

G40268

WASTE PROFILE SHEET CODE

CERTIFICATION OF REPRESENTATIVE SAMPLE

GENERAL DIRECTIONS: IN ORDER TO DETERMINE WHETHER WE CAN ACCEPT THE SPECIAL WASTE DESCRIBED IN THE ABOVE NUMBERED PROFILE SHEET, WE MUST OBTAIN A REPRESENTATIVE SAMPLE OF THE WASTE. WE WILL ANALYZE THE SAMPLE TO VERIFY THE INFORMATION YOU HAVE PROVIDED US, SO IT IS PARTICULARLY IMPORTANT THAT THE SAMPLE BE TRULY REPRESENTATIVE. IN MOST CIRCUMSTANCES YOU WILL BE OBTAINING THE SAMPLE. HOWEVER, IN THOSE CASES IN WHICH WE OBTAIN THE SAMPLE, WE MUST ASK THAT ONE OF YOUR EMPLOYEES BE PRESENT TO DIRECT THE PARTICULAR SOURCE TO BE SAMPLED AND TO WITNESS THE SAMPLING. IN SUCH CASE, YOUR EMPLOYEE MUST SIGN THIS CERTIFICATION AS A WITNESS.

THIS CERTIFICATION MUST BE RETURNED, WITH THE REPRESENTATIVE WASTE SAMPLE, TO:

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED IN THE "GENERATOR'S WASTE MATERIAL PROFILE SHEET" ABOVE REFERENCED, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT:

1. HOUR AND DATE OF SAMPLING: 0900 ON 7/15/86
2. SOURCE FROM WHICH SAMPLE TAKEN: DRUM
3. EQUIPMENT AND SAMPLING METHOD USED: GLASS ROD
4. AMOUNT OF SAMPLE OBTAINED: ~ 1 PINT
5. TYPE OF CONTAINER INTO WHICH SAMPLE WAS PLACED: PINT JAR
6. THE SAMPLING EQUIPMENT USED, AND THE CONTAINER INTO WHICH THE SAMPLE WAS PLACED, WERE THEMSELVES UNCONTAMINATED BEFORE USE.
7. AT THE TIME OF SAMPLING I AFFIXED A LABEL TO THE CONTAINER IN THE FOLLOWING FORM WITH THE FOLLOWING INFORMATION (FILL IN THIS PORTION, INCLUDING YOUR SIGNATURE, JUST AS IT APPEARS ON THE LABEL YOU PREPARED):

GENERATOR: U.S. EPA, REGION V
 WASTE NAME: UNKNOWN, BASIC LIQUID
 SAMPLE HOUR/DATE: 0900 ON 7/15/86
 PROFILE SHEET CODE: G40268
 SAMPLER SIGNATURE: _____

WITNESS VERIFICATION: I WAS PERSONALLY PRESENT DURING THE SAMPLING DESCRIBED; I DIRECTED THE WASTE SOURCE TO BE SAMPLED; AND I VERIFY THE INFORMATION ABOVE NOTED.

SAMPLER NAME: DAVID Pyles

SIGNATURE: _____

WITNESS: S.M. BROWNING

SIGNATURE: Stephen M. Browning

TITLE: ON SCENE COORDINATOR

EMPLOYER: U.S. EPA, REGION V

DATE: 8/28/86

TITLE: _____

EMPLOYER: WESTON - SPER

DATE: _____



GENERATOR'S WASTE MATERIAL PROFILE SHEET

TSDR

040200

A GENERAL INFORMATION

GENERATOR NAME: U.S. EPA, REGION V (ERS) TRANSPORTER: _____
FACILITY ADDRESS: 1322 N. WESTERN AVE TRANSPORTER PHONE: _____
CHICAGO, ILLINOIS GENERATOR USEPA I.D. 1LE200000394
GENERATOR STATE I.D. 0316009951
TECHNICAL CONTACT: STEPHEN M. BROWNING TITLE: ON SCENE COORDINATOR PHONE: (312) 886 1960
NAME OF WASTE: LIQUID FROM CHEMICAL BLENDER FOR PLATING INDUSTRY
PROCESS GENERATING WASTE: CUSTOM BLENDING

B PHYSICAL CHARACTERISTICS OF WASTE

| | | | | |
|---|--|--|---|---|
| COLOR <u>Aqua</u> | ODOR <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> STRONG DESCRIBE: _____ | PHYSICAL STATE @ 70°F <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> POWDER | LAYERS <input type="checkbox"/> MULTILAYERED <input checked="" type="checkbox"/> BI-LAYERED <input type="checkbox"/> SINGLE PHASED | FREE LIQUIDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO VOLUME <u>50</u> % |
| PH: <input type="checkbox"/> < 2 <input type="checkbox"/> 7.1-10 <input type="checkbox"/> N/A <input type="checkbox"/> 2-4 <input type="checkbox"/> 10.1-12.5 <input type="checkbox"/> 4.1-6.9 <input type="checkbox"/> > 12.5 <input checked="" type="checkbox"/> 7 <input type="checkbox"/> EXACT <u>7.0</u> | SPECIFIC GRAVITY <input type="checkbox"/> < .8 <input type="checkbox"/> 1.3-1.4 <input type="checkbox"/> .8-1.0 <input type="checkbox"/> 1.5-1.7 <input checked="" type="checkbox"/> 1.1-1.2 <input type="checkbox"/> > 1.7 <input type="checkbox"/> EXACT <u>1.1</u> | FLASH POINT <input type="checkbox"/> < 70°F <input type="checkbox"/> > 200°F <input type="checkbox"/> 70°F - 100°F <input type="checkbox"/> NO FLASH <input type="checkbox"/> OPEN CUP <input type="checkbox"/> 101°F - 139°F <input type="checkbox"/> EXACT _____ <input type="checkbox"/> 140°F - 200°F | <input type="checkbox"/> CLOSED CUP | |

C CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

| | |
|---------|---------|
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |
| _____ % | _____ % |

D METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

| | |
|-----------------------------|---------------------|
| ARSENIC (As) _____ | SELENIUM (Se) _____ |
| BARIUM (Ba) _____ | SILVER (Ag) _____ |
| CADMIUM (Cd) _____ | COPPER (Cu) _____ |
| CHROMIUM (Cr) _____ | NICKEL (Ni) _____ |
| MERCURY (Hg) _____ | ZINC (Zn) _____ |
| LEAD (Pb) _____ | THALLIUM (Tl) _____ |
| CHROMIUM-HEX (Cr + 6) _____ | _____ |

E OTHER COMPONENTS - TOTAL (PPM)

| | |
|----------------|-----------------|
| CYANIDES _____ | PCB'S _____ |
| SULFIDES _____ | PHENOLICS _____ |

F SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL? ☐ YES ☐ NO

PROPER SHIPPING NAME: _____

HAZARD CLASS: _____ I.D. NO.: _____ R.O.: _____

METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID
☒ DRUM (TYPE/SIZE) 17H/55 Gallon

ANTICIPATED VOLUME: 55 GALS. _____ CUBIC YARDS

PER: ☒ ONE TIME ☐ WEEK ☐ MONTH
☐ QUARTER ☐ YEAR

G HAZARDOUS CHARACTERISTICS

REACTIVITY: ☐ NONE ☐ PYROPHORIC ☐ SHOCK SENSITIVE
☐ EXPLOSIVE ☐ WATER REACTIVE ☐ OTHER _____

OTHER HAZARDOUS CHARACTERISTICS:
☐ NONE ☐ RADIOACTIVE ☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE ☐ OTHER _____

USEPA HAZARDOUS WASTE? ☐ YES ☐ NO

USEPA HAZARDOUS CODE(S): _____

STATE HAZARDOUS WASTE? ☐ YES ☐ NO

STATE CODE(S): _____

H SPECIAL HANDLING INFORMATION

Ref: Sample # 88

☐ ADDITIONAL PAGE(S) ATTACHED

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

AUTHORIZED SIGNATURE

TITLE

DATE



TSDR

640269

A GENERAL INFORMATION

GENERATOR NAME: U.S. EPA REGION V (ERS) TRANSPORTER: _____

FACILITY ADDRESS: 1322 N. WESTERN AVE TRANSPORTER PHONE: _____
CHICAGO, ILLINOIS GENERATOR USEPA I.D. 1, L, E, 2, 0, 0, 0, 0, 3, 9, 4
GENERATOR STATE I.D. 0316009951

TECHNICAL CONTACT: STEPHEN M. BROWNING TITLE: ON SCENE COORDINATOR PHONE: 312 886 1960

NAME OF WASTE: LIQUID WASTE

PROCESS GENERATING WASTE: CHEMICAL BLENDER FOR PLATING INDUSTRY

B PHYSICAL CHARACTERISTICS OF WASTE

| | | | | | | | | | |
|---|--|---|--|--|--|---|--|--|--|
| COLOR <i>DARK STRAW</i> | | ODOR <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> STRONG DESCRIBE _____ | | PHYSICAL STATE @ 70°F <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> POWDER | | LAYERS <input type="checkbox"/> MULTILAYERED <input type="checkbox"/> BI-LAYERED <input checked="" type="checkbox"/> SINGLE PHASED | | FREE LIQUIDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO VOLUME <u>100</u> % | |
| pH: <input type="checkbox"/> < 2 <input type="checkbox"/> 7.1-10 <input type="checkbox"/> N/A <input type="checkbox"/> 2-4 <input type="checkbox"/> 10.1-12.5 <input checked="" type="checkbox"/> 4.1-6.9 <input type="checkbox"/> > 12.5 <input type="checkbox"/> 7 <input type="checkbox"/> EXACT <u>6</u> | | SPECIFIC GRAVITY <input type="checkbox"/> < .8 <input type="checkbox"/> 1.3-1.4 <input type="checkbox"/> .8-1.0 <input type="checkbox"/> 1.5-1.7 <input checked="" type="checkbox"/> 1.1-1.2 <input type="checkbox"/> > 1.7 <input type="checkbox"/> EXACT _____ | | FLASH POINT <input type="checkbox"/> < 70°F <input type="checkbox"/> > 200°F <input type="checkbox"/> CLOSED CUP <input type="checkbox"/> 70°F - 100°F <input type="checkbox"/> NO FLASH <input type="checkbox"/> OPEN CUP <input type="checkbox"/> 101°F - 130°F <input type="checkbox"/> EXACT _____ <input type="checkbox"/> 140°F - 200°F | | | | | |

C CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

[illegible]

D METALS ☐ TOTAL (PPM) ☐ EPA EXTRACTION PROCEDURE (mg/L)

| | | | |
|-----------------------|-------|---------------|-------|
| ARSENIC (As) | _____ | SELENIUM (Se) | _____ |
| BARIUM (Ba) | _____ | SILVER (Ag) | _____ |
| CADMIUM (Cd) | _____ | COPPER (Cu) | _____ |
| CHROMIUM (Cr) | _____ | NICKEL (Ni) | _____ |
| MERCURY (Hg) | _____ | ZINC (Zn) | _____ |
| LEAD (Pb) | _____ | THALLIUM (Tl) | _____ |
| CHROMIUM-MEX (Cr + 6) | _____ | | _____ |

E OTHER COMPONENTS - TOTAL (PPM)

CYANIDES _____ PCB'S _____
SULFIDES _____ PHENOLICS _____

F SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL? ☐ YES ☐ NO

PROPER SHIPPING NAME: _____

HAZARD CLASS _____ I.D. NO. _____ R.Q. _____

METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID

☒ DRUM (TYPE/SIZE) 17E

ANTICIPATED VOLUME: 55 GALS. _____ CUBIC YARDS

_____ OTHER _____

PER: ☒ ONE TIME ☐ WEEK ☐ MONTH

☐ QUARTER ☐ YEAR ☐ _____

HAZARDOUS CHARACTERISTICS

REACTIVITY: ☐ NONE ☐ PYROPHORIC ☐ SHOCK SENSITIVE

☐ EXPLOSIVE ☐ WATER REACTIVE ☐ OTHER _____

OTHER HAZARDOUS CHARACTERISTICS:

☐ NONE ☐ RADIOACTIVE ☐ ETIOLOGICAL

☐ PESTICIDE MANUFACTURING WASTE ☐ OTHER _____

USEPA HAZARDOUS WASTE? ☐ YES ☐ NO

USEPA HAZARDOUS CODE(S) _____

STATE HAZARDOUS WASTE? ☐ YES ☐ NO

STATE CODE(S) _____

H- SPECIAL HANDLING INFORMATION

REF: Sample # 116

☐ ADDITIONAL PAGE(S) ATTACHED

1 HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

| AUTHORIZED SIGNATURE | TITLE | DATE |
|----------------------|-------|------|
| | | |

TITLE

DATE _____

Stephen M. Browning

ON SCENE COORDINATOR

7/28/86

CERTIFICATION OF REPRESENTATIVE SAMPLE

GENERAL DIRECTIONS: IN ORDER TO DETERMINE WHETHER WE CAN ACCEPT THE SPECIAL WASTE DESCRIBED IN THE ABOVE NUMBERED PROFILE SHEET, WE MUST OBTAIN A REPRESENTATIVE SAMPLE OF THE WASTE. WE WILL ANALYZE THE SAMPLE TO VERIFY THE INFORMATION YOU HAVE PROVIDED US, SO IT IS PARTICULARLY IMPORTANT THAT THE SAMPLE BE TRULY REPRESENTATIVE. IN MOST CIRCUMSTANCES YOU WILL BE OBTAINING THE SAMPLE. HOWEVER, IN THOSE CASES IN WHICH WE OBTAIN THE SAMPLE, WE MUST ASK THAT ONE OF YOUR EMPLOYEES BE PRESENT TO DIRECT THE PARTICULAR SOURCE TO BE SAMPLED AND TO WITNESS THE SAMPLING. IN SUCH CASE, YOUR EMPLOYEE MUST SIGN THIS CERTIFICATION AS A WITNESS.

THIS CERTIFICATION MUST BE RETURNED, WITH THE REPRESENTATIVE WASTE SAMPLE, TO:

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED IN THE "GENERATOR'S WASTE MATERIAL PROFILE SHEET" ABOVE REFERENCED, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT:

1. HOUR AND DATE OF SAMPLING: 0930 ON 7/15/86
2. SOURCE FROM WHICH SAMPLE TAKEN: DRUM
3. EQUIPMENT AND SAMPLING METHOD USED: GLASS ROD
4. AMOUNT OF SAMPLE OBTAINED: ~ 1 PINT
5. TYPE OF CONTAINER INTO WHICH SAMPLE WAS PLACED: PINT JAR
6. THE SAMPLING EQUIPMENT USED, AND THE CONTAINER INTO WHICH THE SAMPLE WAS PLACED, WERE THEMSELVES UNCONTAMINATED BEFORE USE.
7. AT THE TIME OF SAMPLING I AFFIXED A LABEL TO THE CONTAINER IN THE FOLLOWING FORM WITH THE FOLLOWING INFORMATION (FILL IN THIS PORTION, INCLUDING YOUR SIGNATURE, JUST AS IT APPEARS ON THE LABEL YOU PREPARED):

GENERATOR: U.S. EPA, REGION V (ERS)
WASTE NAME: LIQUID NOS
SAMPLE HOUR/DATE: 0930 ON 7/15/86
PROFILE SHEET CODE: G40269
SAMPLER SIGNATURE: _____

WITNESS VERIFICATION: I WAS PERSONALLY PRESENT DURING THE SAMPLING DESCRIBED; I DIRECTED THE WASTE SOURCE TO BE SAMPLED; AND I VERIFY THE INFORMATION ABOVE NOTED.

SAMPLER NAME: DAVID PYLES

WITNESS: S. M. BROWNING

SIGNATURE: _____

SIGNATURE: S. M. Browning

TITLE: _____

TITLE: ON SCENE COORDINATOR

EMPLOYER: WESTON-Sper

EMPLOYER: U.S. EPA, REGION V

DATE: _____

DATE: 7/28/86



Waste Management, Inc.
GENERATOR'S WASTE MATERIAL PROFILE SHEET:
INCINERATION TREATMENT ADDENDUM



WASTE PROFILE SHEET CODE

TSOR G40269

Sample # 116

A. GENERAL INFORMATION

GENERAL NAME: U.S. EPA, REGION V (ERS)

NAME OF WASTE: LIQUID

PROCESS GENERATING WASTE: CHEMICAL BLENDER TO PLATING INDUSTRY

B. CHEMICAL CHARACTERISTICS OF WASTE

Heat Value (BTU/lb.) _____

2. Percent Ash _____%

3. Percent Total Halogens _____%

4. Percent Sulfur _____%

5. Percent Nitrogen _____%

6. Percent Water _____%

C. PHYSICAL CHARACTERISTICS OF WASTE

1. Viscosity (cps) _____

2. Percent Total Solids _____%

3. Percent Susp. Solids _____%

4. Percent Dissolved Solids _____%

5. Vapor Pressure 50 F (psia) _____%

D. SPECIAL LISTED CONSTITUENTS:

40 CFR 261 APPENDIX VIII

E. ADDITIONAL WASTE INFORMATION

1. Pumpable? @ 50 F ☒ Yes ☐ No 1a. Method _____

1b. Can the waste be heated to improve flow? ☐ Yes ☐ No

2. Soluble in Water? ☒ Yes ☐ No

3. Particle Size: Will solid portion of waste pass through a 1/8" screen? ☐ Yes ☐ No

4. Other Information: _____

I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed.

AUTHORIZED SIGNATURE

S.M. Downing

TITLE

ON SCENE COORDINATOR

DATE

7/28/86



Waste Management, Inc.
GENERATOR'S WASTE MATERIAL PROFILE SHEET:
INCINERATION TREATMENT ADDENDUM



WASTE PROFILE SHEET CODE

TSOR 640265

A. GENERAL INFORMATION

GENERAL NAME: U.S. EPA REGION V (ERS)
NAME OF WASTE: CORROSIVE LIQUID NOS
PROCESS GENERATING WASTE: CHEMICAL BLENDER FOR PLATING INDUSTRY

B. CHEMICAL CHARACTERISTICS OF WASTE

Heat Value (BTU/lb.) _____ 2. Percent Ash _____ % 3. Percent Total Halogens _____ %
4. Percent Sulfur _____ % 5. Percent Nitrogen _____ % 6. Percent Water _____ %

C. PHYSICAL CHARACTERISTICS OF WASTE

1. Viscosity (cps) _____ 2. Percent Total Solids _____ % 3. Percent Susp. Solids _____ %
4. Percent Dissolved Solids _____ % 5. Vapor Pressure 50°F (psia) _____ %

D. SPECIAL LISTED CONSTITUENTS: 40 CFR 261 APPENDIX VIII

E. ADDITIONAL WASTE INFORMATION

1. Pumpable? @ 50 F ☒ Yes ☐ No 1a. Method _____
1b. Can the waste be heated to improve flow? ☐ Yes ☐ No
2. Soluble in Water? ☒ Yes ☐ No
3. Particle Size: Will solid portion of waste pass through a 1/8" screen? ☒ Yes ☐ No
4. Other Information: YOUR ANALYSIS SHOULD PROVIDE DEFINITIVE DATA FOR
INCLUSION TO THIS ADDENDUM AND THE MATERIAL PROFILE SHEET

F. I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected hazards have been disclosed.

AUTHORIZED SIGNATURE

Stephen M. Browning

TITLE

ON SCENE COORDINATOR

DATE

7/28/86



GENERATOR'S WASTE MATERIAL PROFILE SHEET

TSDR

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A GENERAL INFORMATION

GENERATOR NAME: U.S. EPA, REGION V (ERS) TRANSPORTER: _____
FACILITY ADDRESS: 1322 N. WESTERN AVE. TRANSPORTER PHONE: _____
CHICAGO, ILLINOIS GENERATOR USEPA I.D. 14520000394
GENERATOR STATE I.D. 0316009951
TECHNICAL CONTACT: STEPHEN M BROWNING TITLE: ON SCENE COORDINATOR PHONE: 312 886 1960
NAME OF WASTE: _____
PROCESS GENERATING WASTE: CUSTOM BLENDER OF ELECTROPLATING CHEMICALS

B PHYSICAL CHARACTERISTICS OF WASTE

| | | | | |
|-----------------------|--|---|---|---|
| COLOR <u>CLEAR</u> | ODOR <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> STRONG | PHYSICAL STATE @ 70°F <input type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input checked="" type="checkbox"/> LIQUID <input type="checkbox"/> POWDER | LAYERS <input type="checkbox"/> MULTILAYERED <input type="checkbox"/> BI-LAYERED <input checked="" type="checkbox"/> SINGLE PHASED | FREE LIQUIDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO VOLUME <u>100%</u> |
| | DESCRIBE _____ | | | |

pH: ☐ < 2 ☐ 7.1-10 ☐ N/A ☐ 2-4 ☐ 10.1-12.5 ☐ 4.1-8.9 ☒ 12.5 ☐ 7 ☐ EXACT 14

SPECIFIC GRAVITY ☐ < .8 ☐ .8-1.0 ☒ 1.1-1.2 ☐ 1.3-1.4 ☐ 1.5-1.7 ☐ > 1.7 ☐ EXACT _____

FLASH POINT ☐ < 70°F ☐ 70°F - 100°F ☐ 101°F - 139°F ☐ 140°F - 200°F ☐ > 200°F ☐ NO FLASH ☐ EXACT _____

☐ CLOSED CUP ☐ OPEN CUP

C CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

| | |
|-------|---------|
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |
| _____ | _____ % |

D METALS

| | |
|--------------------------------------|--|
| <input type="checkbox"/> TOTAL (PPM) | <input type="checkbox"/> EPA EXTRACTION PROCEDURE (mg/L) |
| ARSENIC (As) _____ | SELENIUM (Se) _____ |
| BARIUM (Ba) _____ | SILVER (Ag) _____ |
| CADMIUM (Cd) _____ | COPPER (Cu) _____ |
| CHROMIUM (Cr) _____ | NICKEL (Ni) _____ |
| MERCURY (Hg) _____ | ZINC (Zn) _____ |
| LEAD (Pb) _____ | THALLIUM (Tl) _____ |
| CHROMIUM-HEX (Cr + 6) _____ | |

E OTHER COMPONENTS - TOTAL (PPM)

| | |
|----------------|-----------------|
| CYANIDES _____ | PCB'S _____ |
| SULFIDES _____ | PHENOLICS _____ |

F SHIPPING INFORMATION

D.O.T. HAZARDOUS MATERIAL? ☐ YES ☐ NO

PROPER SHIPPING NAME _____

HAZARD CLASS _____ I.D. NO. _____ R.Q. _____

METHOD OF SHIPMENT: ☐ BULK LIQUID ☐ BULK SOLID
☒ DRUM (TYPE/SIZE) 17E

ANTICIPATED VOLUME: 55 GALS. _____ CUBIC YARDS

OTHER _____

PER: ☒ ONE TIME ☐ WEEK ☐ MONTH
☐ QUARTER ☐ YEAR ☐ _____

G HAZARDOUS CHARACTERISTICS

REACTIVITY: ☐ NONE ☐ PYROPHORIC ☐ SHOCK SENSITIVE
☐ EXPLOSIVE ☐ WATER REACTIVE ☐ OTHER _____

OTHER HAZARDOUS CHARACTERISTICS:
☐ NONE ☐ RADIOACTIVE ☐ ETIOLOGICAL
☐ PESTICIDE MANUFACTURING WASTE ☐ OTHER _____

USEPA HAZARDOUS WASTE? ☐ YES ☐ NO

USEPA HAZARDOUS CODE(S) _____

STATE HAZARDOUS WASTE? ☐ YES ☐ NO

STATE CODE(S) _____

H SPECIAL HANDLING INFORMATION

_____ ☐ ADDITIONAL PAGE(S) ATTACHED

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

AUTHORIZED SIGNATURE

TITLE

DATE

Stephen M. BrowningON SCENE COORDINATOR28 July 86

G40265

WASTE PROFILE SHEET CODE

CERTIFICATION OF REPRESENTATIVE SAMPLE

GENERAL DIRECTIONS: IN ORDER TO DETERMINE WHETHER WE CAN ACCEPT THE SPECIAL WASTE DESCRIBED IN THE ABOVE NUMBERED PROFILE SHEET, WE MUST OBTAIN A REPRESENTATIVE SAMPLE OF THE WASTE. WE WILL ANALYZE THE SAMPLE TO VERIFY THE INFORMATION YOU HAVE PROVIDED US, SO IT IS PARTICULARLY IMPORTANT THAT THE SAMPLE BE TRULY REPRESENTATIVE. IN MOST CIRCUMSTANCES YOU WILL BE OBTAINING THE SAMPLE. HOWEVER, IN THOSE CASES IN WHICH WE OBTAIN THE SAMPLE, WE MUST ASK THAT ONE OF YOUR EMPLOYEES BE PRESENT TO DIRECT THE PARTICULAR SOURCE TO BE SAMPLED AND TO WITNESS THE SAMPLING. IN SUCH CASE, YOUR EMPLOYEE MUST SIGN THIS CERTIFICATION AS A WITNESS.

THIS CERTIFICATION MUST BE RETURNED, WITH THE REPRESENTATIVE WASTE SAMPLE, TO:

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED IN THE "GENERATOR'S WASTE MATERIAL PROFILE SHEET" ABOVE REFERENCED, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT:

1. HOUR AND DATE OF SAMPLING: 0915 ON 7/15/86
2. SOURCE FROM WHICH SAMPLE TAKEN: DRUM
3. EQUIPMENT AND SAMPLING METHOD USED: GLASS ROD
4. AMOUNT OF SAMPLE OBTAINED: ~ 1 PINT
5. TYPE OF CONTAINER INTO WHICH SAMPLE WAS PLACED: PINT JAR
6. THE SAMPLING EQUIPMENT USED, AND THE CONTAINER INTO WHICH THE SAMPLE WAS PLACED, WERE THEMSELVES UNCONTAMINATED BEFORE USE.
7. AT THE TIME OF SAMPLING I AFFIXED A LABEL TO THE CONTAINER IN THE FOLLOWING FORM WITH THE FOLLOWING INFORMATION (FILL IN THIS PORTION, INCLUDING YOUR SIGNATURE, JUST AS IT APPEARS ON THE LABEL YOU PREPARED):

GENERATOR: U.S. EPA, REGION V
WASTE NAME: _____
SAMPLE HOUR/DATE: 0915 ON 7/15/86
PROFILE SHEET CODE: _____
SAMPLER SIGNATURE: D. Pyles

WITNESS VERIFICATION: I WAS PERSONALLY PRESENT DURING THE SAMPLING DESCRIBED; I DIRECTED THE WASTE SOURCE TO BE SAMPLED; AND I VERIFY THE INFORMATION ABOVE NOTED.

SAMPLER NAME: _____

SIGNATURE: _____

WITNESS: S. M. BROWNING

SIGNATURE: S. M. Browning

TITLE: ON SCENE COORDINATOR

EMPLOYER: U.S. EPA, REGION V

DATE: 7/28/86

TITLE: _____

EMPLOYER: _____

DATE: _____